

**Sean Smith**  
swsmith@bu.edu  
seanssmith.com

## EDUCATION

Boston University, Boston MA  
Bachelor of Science and Masters of Science, Computer Science, 2017  
Combined BA/MS Program  
G.P.A. 3.46/4.0

## EXPERIENCE

**Software Development Intern** Amazon June 2016-August 2016  
Seattle, WA

- Worked on the AWS Marketplace Team.

**Course Assistant for CS 112 (Data Structures and Algorithms)** August 2015-Present  
Boston University

- Held weekly office hours and answered student's questions online.

**Software Development Intern** AthenaHealth June 2015-August 2015  
Watertown, MA

- I created a company wide regression framework that coordinated the scheduling and running of regressions.
- The framework was developed in Perl, pulled in source code from the version control system Perforce, and was scheduled using Jenkins.
- The framework was multi-threaded and resulted in a 4x speed increase over the predecessor.

**President of BUILDS** Boston University June 2015 - Present

- President of the on campus maker space BUILDS. <http://builds.cc>
- Made top 16 world wide and traveled to China to compete in ASC
- Made top 12 and travelled to Germany to compete in the International Super Computing Competition (ISC)
- Won 3rd in NSEC CTF.

**Software Development Intern** ActivePrime June 2013-August 2014  
Mountainview, CA

- Wrote an automated testing API in python using selenium.  
Wrote 6k lines of code, 40 test cases and documentation using sphinx.

## TECHNICAL SKILLS

Main languages: Perl, Python, Java, C, Javascript  
Skills: AWS, OpenCV, SQL Node.js

## PERSONAL PROJECTS

- Sea Rover: A 14-foot autonomous boat build to navigate the ocean.  
<https://www.kickstarter.com/projects/bdommie/sea-rover>
- Autonomous Drone: An Arduino based quadcopter built to intelligently navigate itself indoors.  
Funded by the Undergraduate Research Program for 3 semesters.
- Bitcoin Sentiment: A prediction algorithm that scrapes the web to predict future Bitcoin prices then trades on it.  
Making 1\$ a day on small investment.

## FAVORITE COURSES

Network Security, Cryptography, Machine Learning, Computer Vision, Programming Languages

## ADDITIONAL INFORMATION

- Eagle Scout
- Dean's List for the last two semesters